Data sheet

Laboratory Refrigerator
CHL 1/1 Smart

The photo above is for reference only, may show additional options not included in standard equipment.
The real appearance, particularly color and structure of the material may differ from the ones presented in the photo.

Advantages of the SMART controller:

- 4,3", clear, full colour touch screen
- LAN, USB ports for data transfer
- multi-segment time and temperature programs
- visual and sound alarm
- internal memory for programs and data storage
- event registry
- LabDesksoftware and user manual for direct download
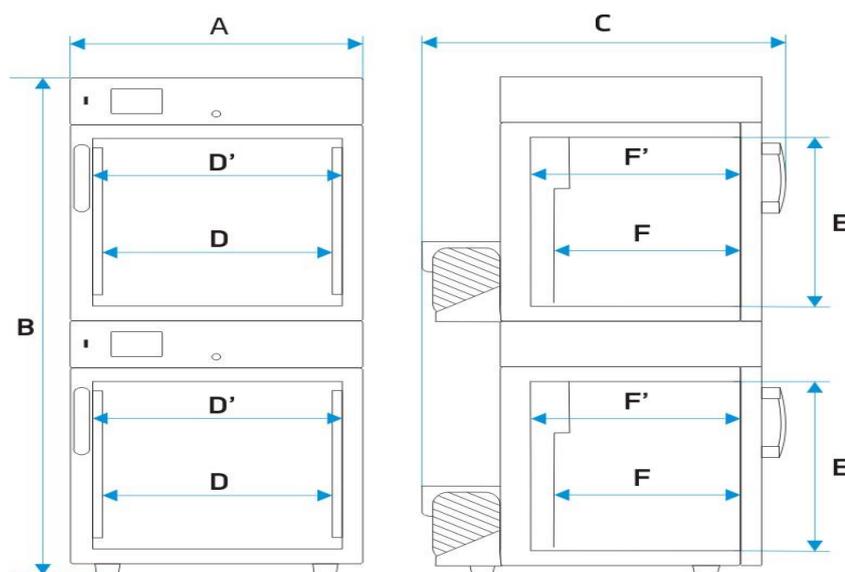- Quick change of program parameters
- Alarm Bar
- operating with gloves on

TECHNICAL DATA	
air convection	forced
chamber capacity [l]	70 / 70
working capacity [l]	55 / 55
controller	microprocessor with external LCD graphic display
display	4,3" full colour touch screen
TEMPERATURE	
temperature range [°C]	0...+15
temperature resolution every ... [°C]	0,1
over temperature protection	class 1.0 to DIN 12880 / class 3.2 (option) / class 3.2 in Smart PRO

CHAMBER	
door type	solid / glass or double (option) /1/
interior	
B Smart	aluminium
C Smart	stainless steel to DIN 1.4016
CS Smart	stainless steel to DIN 1.4016
P Smart	acid-proof stainless steel to DIN 1.4301
PS Smart	acid-proof stainless steel to DIN 1.4301
housing	
B Smart	powder coated sheet
C Smart	powder coated sheet
CS Smart	stainless steel polished
P Smart	powder coated sheet
PS Smart	stainless steel polished
overall dims [mm] /2/	
width A	570
height B	1290
depth C	680
internal dims [mm] /3/	
width D	430
width D'	470
height E	430
depth F	300
depth F'	360
depth G	-
height H	-
height I	-

shelves (standard / max)	2//2 | 2//2
max shelf workload [kg] /4/	10
- reinforced shelf version (PW) /5/	-
max unit workload [kg]	20
- reinforced unit version (W) /6/	-
weight [kg]	65

ELECTRICAL PARAMETERS

voltage*	230V 50Hz
nominal power [W]	500
warranty	24 months
manufacturer	POL-EKO-APARATURA

all the above technical data refer to standard units (without optional accessories)

* - 230V 60Hz, 115V 60Hz also available

1 - additional internal glass door

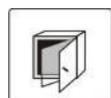2 - depth doesn't include 50 mm of power cable

3 - dims of units with double doorcan be smaller

4 - on uniformly loaded surface

5 - reinforced shelf
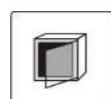
6 - reinforced version

OPTIONS AND ACCESSORIES

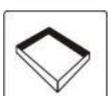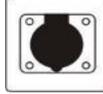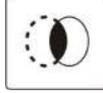|		
	Order number: */C	Internal glass door
	Order number: */A	External glass door
	Order number: */P	Wire shelf
	Order number: */P INOX	Stainless steel wire shelf
	Order number: */PP	Perforated shelf
	Order number: */PW	Reinforced shelf
	Order number: KUW GN*/*	Stainless steel cuvettes
	Order number: ST/CHL/SWP ALU	Aluminum drawer with powder coated slides
	number: ST/CHL/SWP INOX	Stainless steel drawer with powder coated slides
	Order number: ST/CHL/SWPN INOX	Stainless steel drawer with stainless steel slides
	Order number: QLK*	Wheels
	Order number: *PLUS	Automatic defrosting function

	Order number: ST/CHL WENT	Fan speed control
	Order number: LOD	Door opening counter
	Order number: GNZ	Internal socket
	Order number: OCZ/N	Non-standard access port for external sensor
	Order numberLabDesk	LabDesk - software
	Order number: BRT/*/L or IQ/OQ/PQ	Calibration and IQ, OQ, PQ qualification
	Order number: */3.2	Over temperature protection 3.2 class according to DIN 12880